

Observations of Pons' Comet made at the U.S. Naval Observatory, Washington. By W. T. Sampson and Edgar Frisby.
(Communicated by the Secretaries.)

Adopted Mean Positions of Comparison Stars.															
Wash. M.T.	Comet-*			No of Com.	Comet.		log. (p x Δ)	Comet.		log. (p x Δ)	Com. Star.	δ			Authority.
	Δα	Δδ	Δ		α app.	h m s		δ app.	o ' "			α	h m s	δ	
1884. Jan. 2	h m s	m s	' "			h m s		o ' "					o ' "		
5 46 50 ^o	+ 2 31 ⁶ 4	+ 5 45 ^o	20.4	21 53 30 ⁴ 4	9 ⁵ 03	+ 20 47 14 ^o	0 ⁵ 19	S. 1	1	21 50 59 ¹⁰	+ 20 41 17 ⁶	Weisse (2) 21, 1209			
2 6 0 5 ³	- 1 24 ⁴ 2	- 0 56 ⁴	20.4	21 53 34 ⁴ 8	9 ⁵ 31	+ 20 46 20 ^o	0 ⁵ 31	S. 2	2	21 54 59 ¹⁸	+ 20 47 5 ^o	" (2) 21, 1318			
3 5 39 53 ³	- 4 11 ⁶ 5	+ 4 37 6	20.4	22 0 35 ⁶ 6	9 ⁴ 75	+ 19 7 49 ⁴	0 ⁵ 36	S. 3	3	22 4 47 ⁵⁴	+ 19 3 1 ¹	" (2) 22, 67 & 68			
3 7 14 8 ⁹	- 0 53 ⁶ 5	+ 6 25 ³	20.4	22 1 28 ⁷	9 ⁶ 30	+ 19 1 4 ⁶	0 ⁶ 18	S. 4	4	22 1 56 ⁷⁷	+ 18 54 28 6	Ll. + Rüm. + Lam.			
5 5 39 40 ⁵	+ 1 24 ⁷ 3	- 1 49 ⁶	20.4	22 14 39 ¹⁵	9 ⁴ 50	+ 15 38 57 ⁵	0 ⁵ 82	S. 5	5	22 13 14 ⁶⁴	+ 15 40 37 ⁷	Weisse 22, 233			
6 7 8 55 ⁷	- 1 18 ⁷ 8	- 0 24 ⁸	20.4	22 21 59 ⁸ 1	9 ⁶ 02	+ 13 44 2 ²	0 ⁶ 53	S. 6	6	22 23 18 ⁷⁷	+ 13 44 18 ⁴	22, 460			
7 7 19 46 ¹	- 2 28 ³ 2	- 5 47 ¹	20.4	22 28 52 ⁵ 0	9 ⁶ 08	+ 11 52 57 ³	0 ⁶ 71	S. 7	7	22 31 20 ⁹⁷	+ 11 58 36 ⁵	22, 626			
9 7 29 7 ⁹	- 0 30 ⁵ 8	+ 0 44 ⁹	25.5	22 42 14 ² 6	9 ⁶ 07	+ 8 7 15 ⁷	0 ⁶ 98	F. 8	8	22 42 44 ⁹⁷	+ 8 6 24 ⁴	22, 866			
3 20 4 ⁶	- 2 38 ² 4	- 3 12 ⁸	30.4	23 7 3 ⁸ 9	9 ⁴ 80	+ 0 37 30 ³	0 ⁷ 38	S. 9	9	23 9 42 ¹⁸	+ 0 40 39 ⁸	23, 145			
17 7 27 27 ⁸	+ 3 30 ⁰ 7	- 1 0 ¹	15.3	23 30 8 ⁹ 6	9 ⁵ 85	- 6 47 39 ⁹	0 ⁷ 74	F. 10	10	23 26 38 ⁹⁹	- 6 46 40 ^o	23, 502			
20 6 2 16 ²	+ 1 11 ³ 0	- 4 42 ⁷	25.5	23 45 20 ³ 1	9 ⁴ 19	- 11 49 34 ⁸	0 ⁸ 18	S. 11	11	23 44 9 ¹²	- 11 44 49 ⁹	23, 868			
21 6 0 43 ¹	- 0 58 ⁰ 2	+ 9 32 ¹	20.4	23 50 10 ² 7	9 ⁴ 15	- 13 27 3 ⁴	0 ⁸ 27	S. 12	12	23 51 8 ⁴⁰	- 13 36 32 ⁵	23, 1014			
21 7 10 53 ⁷	+ 0 35 ⁷ 5	+ 16 24 ⁸	25.5	23 50 24 ¹⁰	9 ⁵ 65	- 13 31 23 ¹	0 ⁸ 06	F. 13	13	23 49 48 ⁴⁷	- 13 47 44 ⁹	W. + Lamont + Stone			
22 7 21 27 ⁷	+ 0 41 ⁴ 0	+ 1 36 ⁸	20.4	23 55 7 ¹⁸	9 ⁵ 82	- 15 6 33 ^o	0 ⁸ 07	S. 14	14	23 54 25 ⁹¹	- 15 8 6 ²	Arg. Oeltz. S. 23179			
25 7 4 26 ⁷	- 0 30 ⁷ 6	+ 3 38 ⁶	30.6	0 8 13 ⁹ 8	9 ⁵ 65	- 19 30 58 ⁶	0 ⁸ 28	S. 15	15	0 8 44 ⁸⁹	- 19 34 31 ⁸	Stone 70			
26 6 3 47 ^o	+ 1 20 ⁵ 8	+ 1 15 ⁴	20.4	0 12 9 ⁷ 6	9 ⁴ 35	- 20 50 6 ²	0 ⁸ 58	S. 16	16*	0 10 49 ³⁴	- 20 51 15 ⁹	Ll. 234			
Feb. 1 6 55 21 ^o	+ 1 42 ⁴ 2	+ 6 7 ^o	20.4	0 34 4 ⁸⁸	9 ⁵ 80	- 28 9 37 ⁷	0 ⁸ 51	F. 17	17	0 32 22 ⁷³	- 28 15 36 ^o	Arg. Oeltz. S. 315			

Observations of Comet Pons-Brooks, made at Vizagapatam, India.
By A. V. Nursing Row.

A comet was in our western sky on the 15th instant, sufficiently conspicuous to the naked eye to attract general attention. I believe it is the same comet that was found in September 1883 by Mr. Brooks in the United States.

At Vizagapatam, sidereal time $3^{\text{h}} 58^{\text{m}} 4^{\text{s}}$, on the 29th instant, the approximate Right Ascension of the comet was $0^{\text{h}} 23^{\text{m}} 4^{\text{s}}$, Declination, $24^{\circ} 5'$.

Observatory, Daba Gardens, Vizagapatam:
1884, Jan. 31.

Observations of Comet Pons-Brooks made on board the Barque
"St. Kilda" on a Voyage from Liverpool to Demerara and
Home. By Capt. W. L. Rosseter.

(Communicated by Capt. Toynbee.)

Date.	Lat. N.	Long. W.	G.M.T.	Star from which Comet is measured.	Angular Dist.
1884. Jan. 14	$31^{\circ} 22'$	$54^{\circ} 32'$	$10^{\text{h}} 29^{\text{m}} 3^{\text{s}}$	P.M. Capella	$90^{\circ} 13' 0''$
15	$31^{\circ} 40'$	$53^{\circ} 44'$	$10^{\text{h}} 32^{\text{m}} 20^{\text{s}}$	Aldebaran	$79^{\circ} 15' 0''$
17	$33^{\circ} 43'$	$49^{\circ} 28'$	$9^{\text{h}} 59^{\text{m}} 19^{\text{s}}$	Capella	$91^{\circ} 11' 0''$
			$10^{\text{h}} 4^{\text{m}} 29^{\text{s}}$	Aldebaran	$77^{\circ} 44' 0''$
			$10^{\text{h}} 8^{\text{m}} 0^{\text{s}}$	Polaris	$95^{\circ} 23' 0''$
			$10^{\text{h}} 58^{\text{m}} 23^{\text{s}}$	α Arietis	$47^{\circ} 10' 0''$
20	$33^{\circ} 53'$	$45^{\circ} 32'$	$10^{\text{h}} 39^{\text{m}} 31^{\text{s}}$	Aldebaran	$75^{\circ} 45' 0''$
			$10^{\text{h}} 41^{\text{m}} 47^{\text{s}}$	Capella	$92^{\circ} 6' 0''$
			$10^{\text{h}} 44^{\text{m}} 55^{\text{s}}$	α Arietis	$48^{\circ} 0' 0''$
21	$36^{\circ} 49'$	$43^{\circ} 31'$	$9^{\text{h}} 24^{\text{m}} 0^{\text{s}}$	"	$48^{\circ} 21' 0''$
			$9^{\text{h}} 27^{\text{m}} 53^{\text{s}}$	Aldebaran	$75^{\circ} 15' 0''$
			$9^{\text{h}} 30^{\text{m}} 46^{\text{s}}$	Capella	$92^{\circ} 33' 0''$
22	$38^{\circ} 3'$	$41^{\circ} 0'$	$9^{\text{h}} 8^{\text{m}} 40^{\text{s}}$	α Arietis	$48^{\circ} 48' 0''$
			$9^{\text{h}} 11^{\text{m}} 3^{\text{s}}$	Aldebaran	$74^{\circ} 45' 0''$
			$9^{\text{h}} 13^{\text{m}} 24^{\text{s}}$	Capella	$92^{\circ} 54' 0''$
23	$39^{\circ} 5'$	$38^{\circ} 30'$	$9^{\text{h}} 7^{\text{m}} 7^{\text{s}}$	α Arietis	$49^{\circ} 25' 0''$
			$9^{\text{h}} 9^{\text{m}} 19^{\text{s}}$	Aldebaran	$74^{\circ} 27' 0''$
			$9^{\text{h}} 11^{\text{m}} 28^{\text{s}}$	Capella	$93^{\circ} 20' 0''$
			$9^{\text{h}} 13^{\text{m}} 11^{\text{s}}$	α Cassiopeæ	$72^{\circ} 48' 0''$